Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

	o respond to a collection of information unless it contains a valid OMB control number. Complete if Known		
Substitute for form 1449/PTO	Application Number		
	Filing Date		
INFORMATION DISCLOSURE	First Named Inventor		
STATEMENT BY APPLICANT	Art Unit		
(Use as many sheets as necessary)	Examiner Name		
Sheet 1 of 2	Attorney Docket Number 2002-0711.02		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	<u> </u>	Number-Kind Code ^{2 (# known)}	40/44/4000	Shimada et al.	
	<u> </u>	^{US-} 4,977,414	12/11/1990		
		^{US-} 5,291,223	03/01/1994	Ogane et al.	
		^{US-} 5,684,523	11/04/1997	Satoh et al.	
		^{US-} 5,699,091	12/16/1997	Bullock et al.	
		^{US-} 5,712,666	01/27/1998	Matsubara et al.	
	$\dagger -$	US- 5,734,406	03/31/1998	Nakamura et al.	
	1	US- 5,739,841	04/04/1998	Ng et al.	
		^{US-} 5,749,019	05/05/1998	Mestha	
		^{US-} 5,754,215	05/19/1998	Kataoka et al.	
-		US- 5,995,774	11/30/1999	Applegate et al.	
		^{US-} 6,014,161	01/11/2000	Hirst et al.	
	†	^{US-} 6,039,430	03/21/2000	Helterline et al.	
		^{US-} 6,043,835	03/28/2000	Au Yeung et al.	
		^{US-} 6,094,280	07/25/2000	Hayasaki et al.	
	T	us- 6,122,460	09/19/2000	Meece et al.	
	†	US- 6,126,265	10/03/2000	Childers et al.	
	†	^{US-} 6,144,393	11/07/2000	Kwat	
		^{US-} 6,175,375	1/16/2001	Able et al.	
	\top	^{US-} 6,268,878	07/31/2001	Yajima et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	⊤ 6
		Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	<u> </u>
						E
						₩
					 	┡

	Date	
Examiner		Į.
Signature	Considered	!

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

The reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. The process of the conformance with MPEP 609. Draw line through citation if not in conformance and not considered. The citation of the patent designation is provided by the conformance and not considered. The citation of the patent designation is attached.

The reference considered with the providered by the conformance with MPEP 609. Draw line through citation in not in conformance and not considered the providered by the conformance with MPEP 609. Draw line through citation in the through citation in the providered by the conformance with MPEP 609. Draw line through citation in the patent designation is attached.

The reference considered by the conformance with MPEP 609. Draw line through citation is attached.

The reference considered by the conformance with MPEP 609. Draw line through citation is attached.

The reference considered by the conformance with MPEP 609. Draw line through citation is attached.

The reference considered by the conformance with MPEP 609. Draw line through citation is attached.

The reference confor

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

Application Number

Filing Date

First Named Inventor

Art Unit

(Use as many sheets as necessary)

Attorney Docket Number

Attorney Docket Number

2002-0711.02

Sheet 2 U. S. PATENT DOCUMENTS Pages, Columns, Lines, Where Name of Patentee or **Publication Date** Document Number Examiner Cite Relevant Passages or Relevant Applicant of Cited Document MM-DD-YYYY Initials' Figures Appear Number-Kind Code^{2 (# known)} ^{US-} 6,335,747 Munakta 01/01/2002 Nakagawa et al. US- 6.384,856 05/07/2002 06/04/2002 Lupien Jr. et al US- 6,401,143 10/01/2002 US- 6,459,860 Childers 10/08/2002 Lupien Jr. et al. ^{US-} 6,463,481 11/26/2002 Foster et al. US- 6,486,906 12/24/2002 Nagumo et al. US- 6,498,616 08/30/2001 Toda US- 2001/0017645 Boardman et al. 07/11/2002 US- 2002/0088924 09/26/2002 US- 2002/0135789 Ono US-US-ÜS-บร-US US-ÚS-US-US-

	FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	6
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	
						⊨
						₽_
						L.,
						<u> </u>
	T					<u>L</u>
·	 					

Examiner	Date	
Signature	Consider	30

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.